

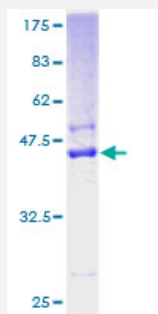
Full-Length

SSR4 (Human) Recombinant Protein (P01)

Catalog # H00006748-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SSR4 full-length ORF (AAH03371, 24 a.a. - 173 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EACLEPQITPSYYTTSDAVISTETVLIVEISLTCKNRVQNMALYADVGGKQFPVTRGQDVGRYQVS WSLDHKSAHAGTYEVRFFDEESYLLRKAQRNEDISIIPPLFTVSVDHRGTWNGPWVSTEVLA AIGLVYYLAFSAKSHIQA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.24
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SSR4

Entrez GeneID [6748](#)

GeneBank Accession# [BC003371](#)

Protein Accession# [AAH03371](#)

Gene Name SSR4

Gene Alias TRAPD

Gene Description signal sequence receptor, delta (translocon-associated protein delta)

Omim ID [300090](#)

Gene Ontology [Hyperlink](#)

Gene Summary SSR4, also called TRAPD, is assumed to be involved in protein secretion. It is located in the Xq28 region, arranged in a compact head-to-head manner with the IDH3G gene. These two genes are driven by a bidirectional promoter located between them, and encode proteins involved in unrelated biochemical pathways located in different compartments of the cell. The nontranscribed intergenic region represents only 133 bp and is embedded in a CpG island. The CpG island functions as a bidirectional promoter to initiate the transcription of both functionally unrelated genes with distinct expression patterns. SSR4 consists of six exons and is approximately 70 kb telomeric to the ALD gene. Although alternative splicing of exon 5 has not been detected in human SSR4, transcript variants missing the region homologous to human exon 5 have been detected in both *Xenopus laevis* and *Mus musculus*. [provided by RefSeq]

Other Designations OTTHUMP00000025956|OTTHUMP00000025957|OTTHUMP00000025958|signal sequence receptor, delta|translocon-associated protein delta